JC03 Rec'd PCT/PTO 29 APR 2005

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER TPIP025/WO US

CON	ICERNING A SUBMISSI	U.S. APPLICATION NO (IEU noun, see 37 CFR 1.5)								
INTERNA	TIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED							
	S03/35012	November 4, 2003	November 4, 2002							
TITLE OF INVENTION DEFENDMIN ATTOM ANALYSIS AND OPTIMIZATION										
PREFORMULATION ANALYSIS AND OPTIMIZATION APPLICANT(S) FOR DO/EO/US										
Hongming Chen, Hector Guzman, Colin R. Gardner										
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1. X	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2. 📙 1	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
	The US has been elected (Article 31).									
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
	a. is attached hereto (required only if not communicated by the International Bureau).									
	b. has been communicated by the International Bureau.									
	c. X is not required, as the application was filed in the United States Receiving Office (RO/US).									
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).									
	a. is attached hereto.									
	b. LJ has been previously submitted under 35 U.S.C. 154(d)(4).									
7. 🗀	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))									
		uired only if not communicated by the Interna	tional Bureau).							
	b. Have been communicated by the International Bureau.									
	c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made.									
. \Box			Sala 40 (25 H.C.O. 274(a)(2))							
o		the amendments to the claims under PCT Art	ade 19 (35 0.5.C. 371(6)(3)).							
9. [49	An oath or declaration of the invento		iversination Beaut under DCT							
10	Article 36 (35 U.S.C. 371(c)(5)).	he annexes of the International Preliminary E	xamination Report under PC1							
Items	11 to 20 below concern document(s) or information included:								
11.	An Information Disclosure Statemen	t under 37 CFR 1.97 and 1.98.								
12.	An assignment document for recordi	ing. A separate cover sheet in compliance wi	th 37 CFR 3.28 and 3.31 is included.							
13. X	A preliminary amendment.									
14. 🗵	An Application Data Sheet under 37 CFR 1.76.									
15. 🗀	A substitute specification.									
16. 🔀	A power of attorney and/or change of	of address letter.								
17.	A computer-readable form of the sec	quence listing in accordance with PCT Rule 1	13ter.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published Inter	rnational Application under 35 U.S.C. 154(d)	(4).							
19.	•	age translation of the international application	under 35 U.S.C. 154(d)(4).							
20. X	Other items or information: Ret	urn postcard								

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO-1390 (Rev. 02-2005)

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U.S. APPLICA	DA DO	n, see 37-CFR 1.	5) INTERNATIONAL A	PPLICATION NO.	ATTORNEY'S DO	CKET NUMBER			
			PCT/US03/350	12	TPIP025	/wo us			
	lowing fees have	CALCULATIONS	PTO USE ONLY						
21. 🔀 Bas	ic national fee	\$ 300.00							
If International p PCT Article 3	nination fee oreliminary examir 3(1)-(4) ns	\$ 200.00							
International Sea	rch fee FR 1.445(a)(2)) h onal Searching Au arch Report prepa ns	\$ 100.00							
	TOTAL OF 21, 2	\$ 600.00							
sequence lis	e for specification sting or computer 250 for each addi								
Total Sheets	Extra Sheets	Number of eac thereof (round	h additional 50 or fraction up to a whole number)	RATE					
55 - 100 =	0 /50 =			× \$250	\$				
Surcharge of \$13 claimed priority d	0.00 for furnishing ate (37 CFR 1.49	\$							
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$				
Total claims		6 - 20 =	0	× \$ 50	\$				
Independent clair	ns =	3 -3=	0	× \$200	\$				
MULTIPLE DEPE	ENDENT CLAIM(S	(if applicable)		+ \$360	\$	 			
			TOTAL OF ABOVE	CALCULATIONS =	s	 			
Applicant cla	ims small entity st	atus. See 37 CFI	R 1.27. Fees above are reduc	ed by 1/2.		 			
	*			SUBTOTAL =	\$ 600.00	†			
Processing fee of claimed priority d	\$130.00 for furnisate (37 CFR 1.492	shing the English 2(i)).	translation later than 30 mont	hs from the earliest +	\$	- L			
			TOTAL	NATIONAL FEE =	\$ 600.00				
Fee for recording by an appropriate	the enclosed ass cover sheet (37 (\$							
			TOTAL F	EES ENCLOSED =	\$				
					Amount to be	T			
	;	refunded:	\$						
					Amount to be charged:	\$			
a. A check in the amount of \$ to cover the above fees is enclosed.									
b. Rease charge my Deposit Account No. 502626 in the amount of \$ 600.00 to cover the above fees. A duplicate copy of this sheet is enclosed.									
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>502626</u> . A duplicate copy of this sheet is enclosed.									
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
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